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PTO/SB/18 (08-00) Approved for use through 10/31/2002. OMB 0651-0032

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| DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63) |                          | Attorney Docket Number         |                | 717901.5     |         |  |
|--|--------------------------|--------------------------------|----------------|--------------|---------|--|
|  |                          | First Named Inventor           |                | Loxley, Neil |         |  |
|  |                          | COMPLETE IF KNOWN              |                |              |         |  |
|  |                          | Application Number             | 09/937,609     |              |         |  |
|  | Declaration<br>Submitted | ted OR Submitted after Initial |                | Filing Date  | Unknown |  |
|  | With Initial<br>Filing   |                                | Group Art Unit | Unknown      |         |  |
| •  | required)                | Examiner Name                  | Unknown        |              |         |  |

| As a below named inventor, I hereby declare that:  |                          |                                  |                        |   |  |  |  |
|--|--------------------------|----------------------------------|------------------------|---|--|--|--|
| My residence, mailing address, and citizenship are as stated below next to my name.  |                          |                                  |                        |   |  |  |  |
| I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:  METHOD AND APPARATUS FOR PROLONGING THE LIFE OF AN X-RAY TARGET              |                          |                                  |                        |   |  |  |  |
|  | (Title of the Invention) |                                  |                        |   |  |  |  |
|  |                          |                                  |                        | ł   |  |  |  |
| the specification of which  is attached hereto   |                          |                                  |                        |   |  |  |  |
| OR   | <del></del>              | 2c I                             | nited States Appl      | lication Number or PCT International                          |  |  |  |
| was filed on (MM/DD/YY) 09   |                          | 2/26/01                          |                        | (if applicable).  |  |  |  |
| Application Number 09  | /937,609                 | and was amended of               | (MM/DD/YY)             |   |  |  |  |
| I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims as amended by any amendment specifically referred to above.  |                          |                                  |                        |   |  |  |  |
| I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material niformatin which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application. |                          |                                  |                        |   |  |  |  |
|  |                          |                                  |                        | application(s) for patent or inventor's                       |  |  |  |
| certificate, or 365(a) of an   | y PCT international ar   | oplication which designated      | at least one cour      | itry other than the United States of                          |  |  |  |
| America, listed below and  | have also identified b   | elow, by checking the box,       | any foreign appli      | ication for patent or inventor's                              |  |  |  |
|  |                          |                                  |                        | ation on which priority is claimed.  Certified Copy Attached? |  |  |  |
| Prior Foreign Application Number(s)  | Country                  | Foreign Filing Date (MM/DD/YYYY) | Priority<br>Not claime |   |  |  |  |
| PCT/GB00/01164   |                          | 03/27/00                         |                        |   |  |  |  |
|  |                          | ,                                |                        |   |  |  |  |
|  |                          |                                  |                        |   |  |  |  |
|  |                          |                                  |                        |   |  |  |  |
| Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:  |                          |                                  |                        |   |  |  |  |
| I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.  |                          |                                  |                        |   |  |  |  |
| Application Number(s) Filing Date (MM/DD/YYYY) Additional provisional applica  |                          |                                  |                        |   |  |  |  |
|  |                          |                                  |                        | numbers are listed on a                                       |  |  |  |
|  |                          |                                  |                        | supplemental priority data sheet                              |  |  |  |
|  |                          |                                  |                        | PTO/SB/02B attached hereto.                                   |  |  |  |

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## **DECLARATION** — Utility or Design Patent Application

|   | istomer Number<br>Bar Code Label | 27128                         |                                  | OR 🗵 C           | Correspondence address below |  |
|---|----------------------------------|-------------------------------|----------------------------------|------------------|------------------------------|--|
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| City St. Louis  |                                  |                               | State Mi                         | ssouri           | ZIP 63101                    |  |
|   | Teles                            | nhone 31                      |                                  |                  |                              |  |
| I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. |                                  |                               |                                  |                  |                              |  |
| NAME OF SOLE OR FIRST INVEN   |                                  |                               |                                  | n has been filed | for this unsigned inventor   |  |
| Given Name<br>(first and middle [if any]) Neil  |                                  | Family Name Or Surname Loxley |                                  |                  |                              |  |
| Inventor's Signature .  | Lorden                           | <del>-</del> 1                |                                  |                  | Date 17 12 01                |  |
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| NAME OF SECOND INVENTOR:  Given Name  (Grand middle (if ann)) Mort  |                                  |                               | Family Name<br>Or Surname Taylor |                  |                              |  |
| (first and middle [if any]) Mark  Inventor's  Signature   |                                  | _ Or Suri                     | Date 18/1=/67                    |                  |                              |  |
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| Additional inventors are being nathereto.   | ned on the 1 supple              | emental A                     | dditional l                      | nventor(s) sheet | t(s) PTO/SB/02A attached     |  |

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PTO/SB/04 (10-00)

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## DECLARATION — UTILITY OR DESIGN PATENT APPLICATION

| ADDITIONAL INVENTOR(S) SUPPLEMENTAL SHEET   |       |                                  |                          |                               |  |  |
|---|-------|----------------------------------|--------------------------|-------------------------------|--|--|
| Attorney Docket Number: 717901.5  |       |                                  |                          |                               |  |  |
| I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. |       |                                  |                          |                               |  |  |
| NAME OF THIRD INVENTOR:   |       |                                  | A petition has been file | ed for this unsigned inventor |  |  |
| Given<br>Name John Leonard  |       | Family Name —Or Surname Wall     |                          |                               |  |  |
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| NAME OF FOURTH INVENTOR:  A petition has been filed for this unsigned inventor  |       |                                  |                          |                               |  |  |
| Given Name<br>(first and middle [if any]) Graham Vir  | ıcent | Family Name<br>Or Surname Fraser |                          |                               |  |  |
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| Additional inventors are being named on the supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.  |       |                                  |                          |                               |  |  |

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